



National Transportation Safety Board

Office of Railroad, Pipeline and Hazardous Materials Investigations
Human Performance and Survival Factors Division
Washington, DC. 20594

Survival Factors¹ Factual Report – Addendum # 3

Supporting Documentation – Emergency Preparedness / Response²

July 16, 2008

*Failure of Dixie Pipeline Company Pressurized Underground Transmission Pipeline, and
Subsequent Liquid Propane Release and Fire, near Carmichael, MS, on November 1, 2007*

NTSB Accident Number: DCA 08 MP 001

Compiled by: // s // Date July 16, 2008

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¹ The scope of the Survival Factors Factual Report [in pipeline accident investigations] exclusively addresses the emergency preparedness and response, and injury causation aspects of the investigation.

² this document serves essentially as a transmittal (cover sheet) of documentation received from various entities relevant to the emergency preparedness and response, the “Exhibits” content of which is included, because of its page content volume, in separate attachments to this transmittal.

Report Content Synopsis

As support to the Survival Factors Factual Report of the Investigation, this report provides a transmittal of select pages³ of publications / documentation (received from various sources) relevant to the emergency preparedness and response as identified in the Investigation, the individual document content of which is briefly summarized as follows.

<u>Exhibit</u>	<u>Description</u>
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| 1. | Publications and a Training Aid Supportive of the “Government Liaison - Emergency Response Program” ⁴ |
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Supportive of the Government Liaison - Emergency Response Program emergency responder familiarization events, Dixie / Enterprise Products developed, through it’s technical contractor [The Pipeline Group[®]], and maintains, two publications, titled as follows, to address emergency response procedures (e.g. pipeline operations, and/or product release), for no-cost distribution to emergency response organizations that participate in the Program in the constituent counties of Dixie / Enterprise Products pipeline operations in Mississippi and Alabama, in which also select pages of the publications are provided as a separate document [Exhibit] to this transmittal:

<u>Attachment</u>	<u>Title</u>
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- | | |
|-----|---|
| (a) | “The Pipeline Group [®] Emergency Response Manual” |
| (b) | “General Information Guide to a Pipeline Emergency” |

Also supportive of the Government Liaison - Emergency Response Program emergency responder familiarization events, Dixie / Enterprise Products developed, through it’s technical contractor [The Pipeline Group[®]], and maintains, a ‘presentation graphic (PowerPoint[®]) training aid’, for instructional use by the [familiarization event] lecture staff during the Government Liaison - Emergency Response Program emergency responder familiarization events, a copy of which was received / reviewed by the Investigation to assess the overall ‘presentation content’ of the Program⁵. This training aid, as is presented to the Program attendees (typically subsequent to a catered lunch or dinner, and narrated by the presentation lecture staff), is comprised of 52 color slides that depict, for example, a brief overview of the national and local network(s) of [natural gas and hazardous liquid] transmission pipelines, example ruptures and resulting fire or other types of consequential events, generalized [pipeline operating company] operational procedures and safety measures employed, routine right-of-way inspections conducted, typical hazards encountered in the field, leakage recognition, appropriate [adverse event] response techniques for

³ as deemed applicable to the topics / issues examined in the Survival Factors Investigation

⁴ ref. Survival Factors Factual Report; see § 6.9.1.h.

⁵ represented to be the training aid utilized in the Government Liaison - Emergency Response Program emergency responder familiarization event as conducted in April 2007 in Meridian, MS.

emergency responders, typical response actions [to an adverse event] by the pipeline operating company, emergency contact procedures, and Q&A segments⁶.

2. Publication Supportive of the Dixie / Enterprise Products – Comprehensive Outreach Initiative⁷

As an element of what Dixie / Enterprise Products describes as a ‘comprehensive outreach initiative’, to help keep local emergency responders prepared for pipeline accidents, Dixie / Enterprise Products makes available, directly to local emergency response agencies, at no cost to the recipients, planning and training materials [informational publication(s)] on pipeline operations and/or product release emergency procedures, including a publication titled “A Guideline for Emergency Response Agencies”, a copy of which was made available to the Investigation, in which also select pages of the publication are provided as a separate document [Exhibit] to this transmittal.

3. Industrial Standards - Applicable to the Investigation⁸

A document, identified as API - RP 1162, and titled “Public Awareness Programs for Pipeline Operators”, [revision of] December 2003, was developed by, and is promulgated by the American Petroleum Institute (API), to provide guidance to be used by petroleum liquids pipeline operators, to develop and actively manage their Public Awareness programs, as required under 49 CFR 195.440, a copy of which was obtained by the Investigation, in which also select pages of the publication are provided as a separate document [Exhibit] to this transmittal.

Summary List of Addendum 3 - Exhibits⁹

1. (a) “The Pipeline Group[®] Emergency Response Manual”
(b) “General Information Guide to a Pipeline Emergency”
2. “A Guideline for Emergency Response Agencies”
3. “API - RP 1162 Public Awareness Programs for Pipeline Operators, December 2003”

-- End of this Report --

⁶ ref. to the ‘training aid’ is provided here in the interest of offering a brief articulation of the exemplar depth [scope] and comprehensiveness of the ‘presentation content’ of the Government Liaison - Program familiarization event, which is not included in this Addendum due to the volume content of the presentation graphic.

⁷ ref. Survival Factors Factual Report; see § 6.9.1.m.

⁸ ref. Survival Factors Factual Report; see § 9.2.

⁹ as noted, because of page content volume, the individual “Exhibits” are included in separate attachments to this transmittal.